WATERPROOF IR COLOR CCD CAMERA

User Manual

Before using the product,please read this manual carefully

Caution:

1.Do not attempt to disassemble the camera. Do not remove screws or cover, unscrewing or removing the cover can cause electronic shock. No user-serviceable parts inside.

2.Handle the camera with care.The camera could be damaged by improper handling or storage. Don't use violence when installing or using the camera, avoid high temperature and very cold weather.

3.Do not use strong or polishing cleanser when cleaning the camera body. Use a dry cloth to clean the camera. In case the dirt is hard to remove, use a mild cleanser and wipe gently.

4.Never turn the camera toward the sun. Whether the camera is used outdoor or indoor ,never turn it toward the sun, use carefully when operating.

5.Operating temperature and environment. Do not use the camera in an extreme environment where high temperature or high humidity exists. Use the camera under conditions where temperature are between 14.F-122 F(-10)℃-+55℃, and humidity is below 85%. For the correct power supply, refer to the specification sheet.

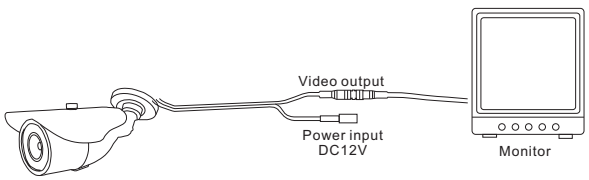
6.This is a infrared camera, so the color will be slight weak,when be tested during day,it is a normal phenomenon.

7.When install the camera,video line should separate to 220v power lines,don't in same line slot,toprevent interference.

8.When the infrared lights can not be lit,they should check whether the camera next to a more light.

Connection:

Install the camera as explained in the diagram below:



(1) Video cable

a.The monitor's resolving power should larger or equal to camera's

b.Use 75Ω coaxial cable

(2)The largest extending length between camera and monitor, as follows:

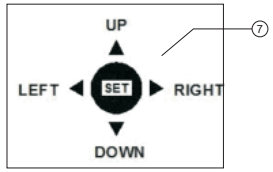
Coaxial Cable Model	RG-59/U(2C-2V)	RG-61/U(5C-2V)	RG-11/U(7C-2V)	RG-15/U(10C-2V)
Suggest Length(M)	250	500	600	800

(3)Notice

a.Do not twist the coaxial cable's radius to curve which less than 10 times of cable's diameter

b.Do not staples,squeezing or detention of cables,or it will change the cable's impedance and lower image quality

Main Parts:



① Sun shield
② Fixed runner
③ Lens
④ Infrared lights
⑤ Light sensor
⑥ zoom and focus adjustment
⑦ OSD Key

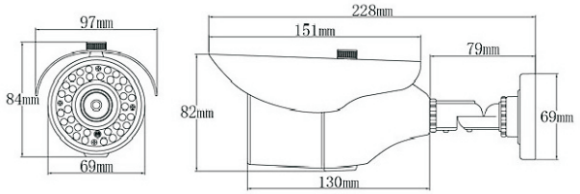
Image Adjustment

(1)Video output monitor or other video devices through 75 coaxial cable.

(2)Use 12V DC power,pay attention to positive and negative.

(3)According to the use of camera and monitoring requirement to adjust the function.

Dimensions(Unit:mm)



Specifications

Model	KR-C700V-30/IRCUT
ELECTRICAL	
Input Voltage	DC 12V±10%
Power Consumption	Max. 6.8W (LED On)
VIDEO	
Imaging Device	1/3" Sony 960H Exview HAD CCD II
Total Pixels	NTSC:811(H) x 508(V) PAL:795(H) x 596(V)
Effective Pixels	NTSC:768(H) x 494(V) PAL:752(H) x 582(V)
Scanning System	2 : 1 Interlace
Synchronization	Internal
Horizontal Resolution	Color : 650TV lines / B/W : 700TV lines
Min. Illumination	0.1LUX/F1.2
S / N (Y signal)	52dB
Video Output	CVBS : 1.0Vp-p, 75
LENS	
Focal Length	2.8 ~ 12mm (F1.2)
Focus	Manual
Iris Control	Manual
OPERATIONAL	
On Screen Display	English/French/German/Spanish/ Portuguese/ Chinese/ Russian/Japanese
Camera Title	On / Off (Displayed 52 characters)
Day & Night	Auto / Color / Night
Backlight Compensation	BLC / HLC / Off
Motion Detection	On/Off(4 Programmable zones)
Digital Image Stabilization	On / Off
Privacy Masking	On/Off(8 Programmable zones)
Privacy Masking Color	adjustable
2D Noise Filter	On / Off
Gain Control	Low / High / Off
White Balance	ATW/PUSH/USER1/USER2/ ANTI CR/MANUAL/PUSH LOCK
Electronic Shutter Speed	Fixed (1/50~1/10000)
Sharpness	On / Off (Level adjustable)
Flip / Mirror	On / Off
ENVIRONMENTAL	
Operating Temperature	-10°C ~ +50°C / 20% ~ 80% RH
Operating Humidity	
MECHANICAL	
IR LED	42pcs,Φ5
IR Distance	40m
IR-CUT	Auto
Weight	0.5kg
Dimension (WxHxD)	228*84*97mm
Certifications	FCC/CE

The specification is only for reference,Design and specifications subject to change without notice.